



USC SCHOOL	Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences
ACADEMIC DEPARTMENT	Regulatory and Quality Sciences
GRADUATE PROGRAM	Master of Science in Medical Product Quality
POST CODE	1608
TERM EFFECTIVE DATE	Spring 2021

PROGRAM DESCRIPTION

A brief description of the graduate program.

The STEM designated Medical Product Quality degree is designed for students with a background in biological, pharmaceutical and biomedical sciences and biomedical engineering. The goal of the program is to train students in the theory behind current and future regulations which impact product quality, and to provide real-life practical tools they will use in their industry careers.

COMMON BACHELOR DEGREE PROGRAM PATHWAYS

A list of common bachelor's degrees that undergraduate students pursue in advance of pursuing a progressive degree option with this graduate program. Some programs are restricted to certain majors while others are open to all students.

Open to all majors; Basic Biology and Chemistry knowledge preferred.	

PREPARATORY UNDERGRADUATE COURSES

A list of courses at the undergraduate level that prepare students for the graduate program. Required coursework is listed first, followed by recommended courses. If not applicable, this section will be blank.

Dept. Prefix - Course #	Course Title	Required or Recommended	Units



UNDERGRADUATE COURSES USED TO REDUCE GRADUATE LEVEL UNITS

A list of undergraduate level courses that may be used to reduce the number of graduate level units required for the graduate program. If there are none, that is specified instead.

Dept. Prefix - Course #	Course Title	Units

CORE GRADUATE PROGRAM REQUIREMENTS (# units required)

A list of all required graduate courses for the graduate program. None of these courses may be used toward satisfying undergraduate degree requirements.

If special exceptions for any of these courses are made by the academic department, the course # is marked with an asterisk () and the exception is explained in the "Department Notes" section at the end of this course plan template.*

Dept. Prefix - Course #	Course Title	Units
MPTX 511	Introduction to Medical Product Regulation	3
RSCI 506	Auditing Principles	3
MPTX 517	Structure & Management of Clinical Trials	4
MPTX 526	Chemistry Manufacturing and Control	3
MPTX 515	Quality Systems & Standards	3
RSCI 520	Introduction to Risk Management for Health Care Products	2
RSCI 507	Quality Systems & Statistical Process Control	2
	ELECTIVE	3
	ELECTIVE	3



PRE-APPROVED ELECTIVE COURSEWORK

Elective coursework is approved at the discretion of the academic department. Note the following details about the total number and units required of elective coursework.

3

TOTAL ELECTIVE COURSES REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE

9

TOTAL ELECTIVE UNITS REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE

TOTAL UNIT COUNTS AND REQUIRED GRADUATE UNITS

32

TOTAL UNITS REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE

6

TOTAL GRADUATE UNITS THAT MAY BE WAIVED (IF ANY)

26

MINIMUM NUMBER OF GRADUATE UNITS THAT MUST BE AT THE 500 LEVEL OR ABOVE

NOTES FROM THE DEPARTMENT

This section highlights any unique considerations, exceptions, or requirements for the graduate program. If a program has specific restrictions (courses, majors, etc.), they are detailed below.

[Empty box for department notes]

Signed by:
Vassilios Papadopoulos
EAZE58698BB14E2

Dr. Vassilios Papadopoulos

Name of Authorizing Master's Program Dean

10/17/2024

Date Approved

Dean, USC Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences

Authorizing Dean's Title